

WSS-FH8 Professional Workstation



APPLY POWERFUL PERFORMANCE TO GET WORK DONE FAST

When it comes to the performance and bandwidth that extreme gamers, digital media creators, and ultimate computing need most, the WSS-FH8 Professional Workstation delivers. The WSS-FH8 provides unmatched performance in production and editing, as well as digital media rendering and real-time audio/video preview capabilities. The massive data throughput and support for the Intel® Core™ i7 processor Extreme Edition runs more applications simultaneously, with less wait time. SuperSpeed USB 3.0, SATA 6.0 Gb/s, quad channel DDR3 memory and full support for NVIDIA SLI technology are just a few of the many features supported on this System. Configured with NVidia Quadro 4000 professional graphics, the system brings high-performance computing with advanced visualization, transforming modern workflows.

Extreme Intel Performance

With incredible support for up to twelve threads of raw processing power, unprecedented bandwidth, quad-channel DDR3 memory with support for up to eight DIMMs, WSS-FH8 Professional Workstation goes where no workstation has gone before. BIOS Vault Technology protects the board and provides fault tolerant and secure firmware. Intel BIOS is protected from outside attacks and enables advance security checks and balances. Fast Boot also speeds through boot times and eliminates unnecessary delays. Intel® Extreme Memory Profiles (Intel® XMP) is a performance-packed expansion of the standard DDR3 memory specification, enabling a robust and stable solution for ultra-fast memory.

WSS-FH8 Workstation Specifications	
FORM FACTOR	Full Tower - 2x Front USB 3.0 ports - 2 x Front USB 2.0 ports (4U Rackmount Option)
SYSTEM DIMENSIONS— WEIGHT	17.8"H x 7"W x 25.5"D (452H x 178W x 648D mm) , Weight 60 lbs. (27.2 kg)
OPERATING SYSTEM	Microsoft Windows 7 Professional 64 Bit
SYSTEM PROCESSOR	Intel Core i7 3930K - 3.2 GHz - 6-core - 12 Threads - LGA2011 Socket
SYSTEM CHIPSET	Intel® X79 Express Intel® Rapid Storage Technology (Intel® RST) for RAID 0, 1, 5, and 10
SYSTEM MEMORY	16 GB : 4 x 4 GB - DIMM 240-pin - DDR3 - 1333 MHz / PC3-10600 - CL9 - 1.5 V - unbuffered - non-ECC (Support for up to 64 GB of system memory)
DRIVE BAYS	Eight (8) x 3.5" SAS / SATA hot-swap drive bays (with SES2 Support), Rotatable 2x 5.25" and 1x 3.5" bay
HARD DISK STORAGE	Eight 3-1/2" SATA 3.0 Gb/s and 6.0Gb/s 7200 rpm drives [up to 18TB of Internal raw storage capacity]
EXPANSION SLOTS	Three PCI Express 3.0 x16 connectors Two PCI Express 2.0 x 1 connectors One PCI Conventional bus connectors
I/O Ports	Six SuperSpeed USB 3.0 ports (2 Front, 4 Rear) Fourteen USB 2.0 ports (2 Front, 6 Rear, 6 internal) Four Serial ATA 6.0 Gb/s ports , one eSATA 6.0 Gb/s Four Serial ATA 3.0 Gb/s ports Two IEEE 1394a ports/headers (1 external/1 header) Consumer Infrared receiver and emitter
NETWORK CONNECTIVITY	Dual Gigabit (10/100/1000 Mb/s) LAN subsystems using the Intel® 82579V Gigabit Ethernet Controller Wireless LAN (Wi-Fi) Compatible with IEEE 802.11n. Specifications provides wireless speed up to 150Mbps receive and 150Mbps transmit data rate Bluetooth - Compatible with Bluetooth v2.1 specification EDR (Enhanced Data Rate) compliant
INPUT DEVICES	Microsoft Wired Desktop 400 Keyboard & Mouse - USB Cable Keyboard - 105 Key - USB Cable Mouse - Optical - 800 dpi - 3 Button - Scroll Wheel
GRAPHICS	nVidia Quadro 4000 professional graphics, 256 CUDA Cores, 2GB GDDR5 Frame Buffer, 256 bit memory interface, 89.6 GB/c Memory Bandwidth, 1 x Dual Link DVI-I, 2 x Displayport
AUDIO	Intel® High Definition Audio (Intel® HD Audio) subsystem in the following configuration: <ul style="list-style-type: none"> • Ten-channel (7.1 + 2 independent multi-streaming) audio subsystem • Six analog audio outputs w/optical S/PDIF out port • Supports Dolby Home Theatre V4
REMOVABLE MEDIA READER	CD / DVD Drive
SYSTEMS MANAGEMENT	Diagnostic LEDs, Power, HDD, Network, Temperature, Power and Reset buttons
ENVIRONMENT	Operating Temperature 0°C to +55°C Storage Temperature -20°C to +70°C
POWER SUPPLY	Super Quiet 865W high-efficiency power supply, AC Input 100-240V, 50-60Hz, 12-6 Amp, +5V 30 Amp, +5V standby 6.5 Amp , +12V 70 Amp, -12V 1.0 Amp, +3.3V 30Amp
WARRANTY	One year; optional Remote Monitoring support
REGULATIONS & SAFETY	<p><i>Unites States And Canada</i> UL 1950, Third Edition—CAN/CSA C22.2 No: 950-95 with recognized US and Canadian component Marks</p> <p><i>Europe</i> Nemko Certified to EN 60950 International Nemko certified to IEC 60950 (CB report with CB Certificate)</p>

